

Date: 5/06/21

City, State: Danville, IN

Certainty Index: Consistent

Narrative: Caller seeking to report an incident regarding her dog's exposure to a Seresto Flea and Tick Collar (active ingredients flumethrin, imidacloprid). Caller reported that her dog (7 year old neutered male German Shepherd, ~100 lbs.) developed skin redness and loss of hair around the area with the collar after ~ 1 month of wear. Caller reported she noticed this yesterday (05/05/2021) and immediately took the collar off of the dog. Caller reported that prior to this incident, she had used another Seresto collar on him for ~ 1 year with no health effects. Caller reported she ordered this product from chewy.com and that she does not use any other products on him or her other pets. Caller reported she is going to contact her veterinarian if any other health effects arise. Caller reported she has several other pets in the home that wear the Seresto collar. Caller reported 2 domestic shorthair cats (neutered male and spayed female, both turning 3 in June and ~ 10 lbs.) have worn the collar for ~ 1 year. Caller reported the female cat lost the collar and that she chose another brand to use after that. Caller reported she has another domestic shorthair cat (neutered male, 2 years old and ~ 6 lbs.). Caller reported her other dog (neutered male chow/lab mix, 12 years old) has had the collar on for ~ 1 month, the collar being from the same product order as the one that affected her other dog. Caller reported that occasionally her cats will chew on the end of the collars. Caller reported there were no symptoms for these 4 pets. Caller reported she had the number for Animal Poison Control Center. Caller reported that she heard in the news there is an investigation regarding this product. Caller asked why this is, if the product is effective and known as a top option for flea and tick control.

Discussed NPIC services, including not being medically trained. Discussed contacting a veterinarian if further signs and symptoms of toxicity occur. Discussed ways to minimize exposure, including the option of giving her affected german shepherd a bath or rinsing the area where the collar was, and stopping the cats from chewing on the end of the collars. Discussed risk equation concepts, including toxicity and routes of exposure. Discussed the products introduction for use in 2012, that data is continually being collected, and that incident information is passed along to EPA for consideration in product registration eligibility decisions and risk assessments. Discussed that resistance can arise in certain pest species, and that some products might be recommended for control regionally or on a certain timeline by veterinary professionals. Provided information to EPA, Executive Committee and Project Coordinator. Resources used for certainty index: CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY, DEPARTMENT OF PESTICIDE REGULATION, MEDICAL TOXICOLOGY BRANCH, SUMMARY OF TOXICOLOGY DATA, FLUMETHRIN (2012).